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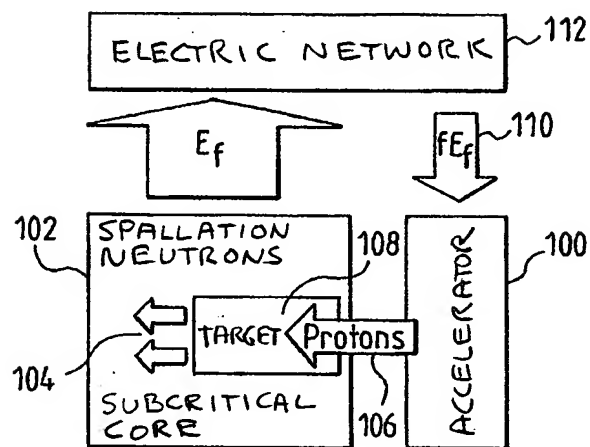


FIG.1a

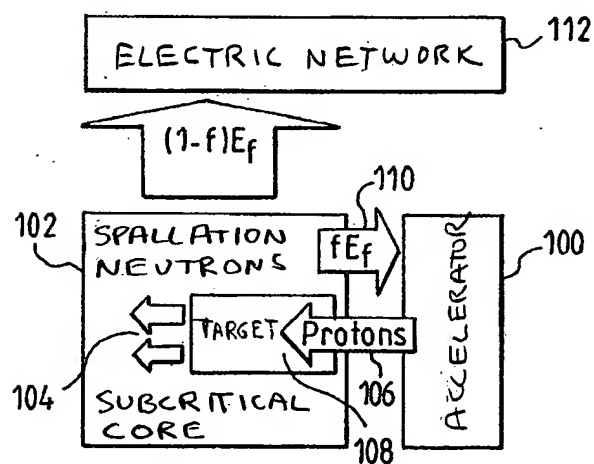


FIG.1b

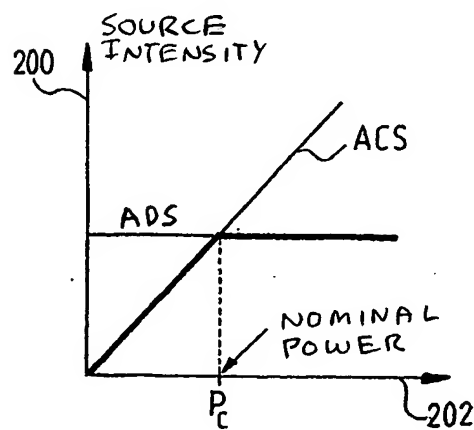
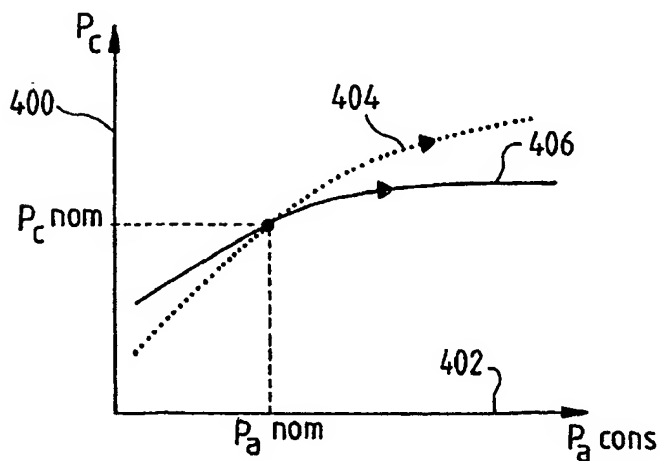
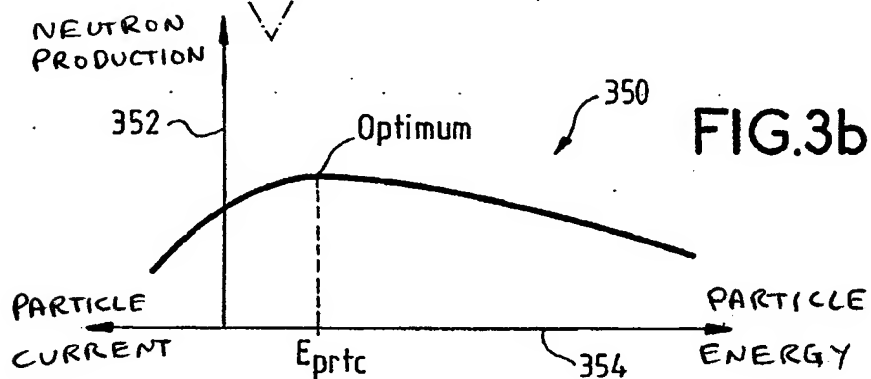
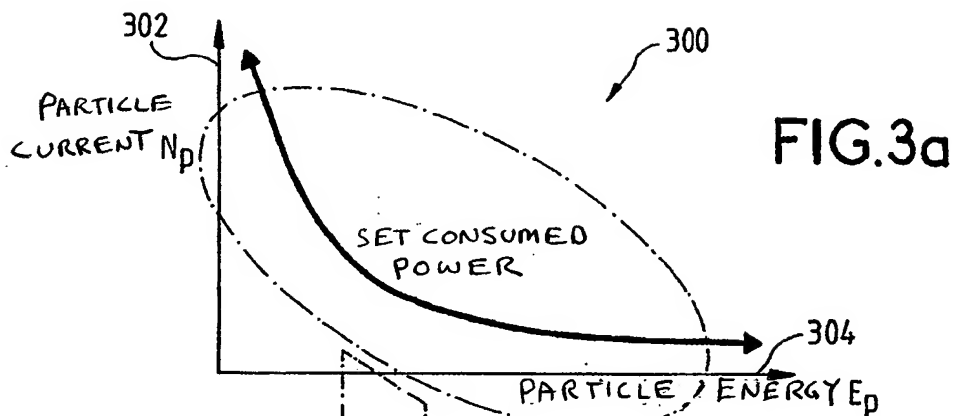


FIG.2

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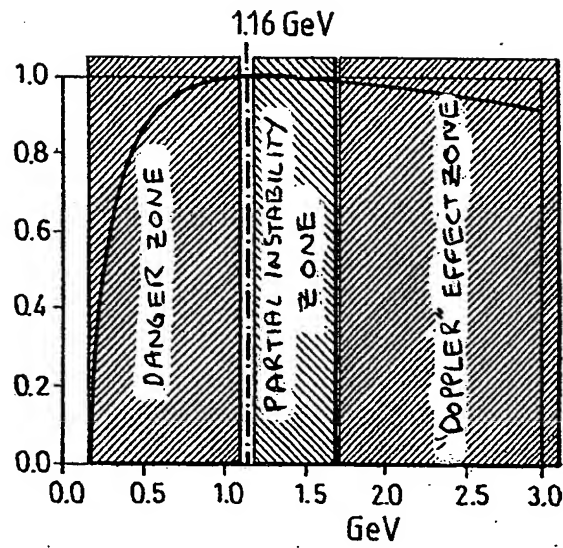
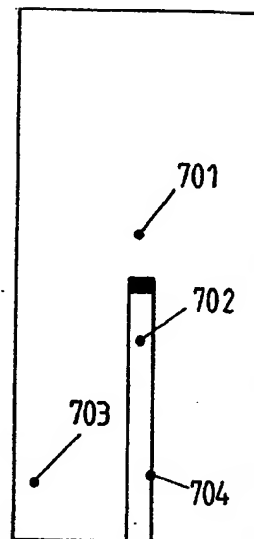


FIG.5a

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701. TARGET
 702. BEAM
 703. BUFFER
 704. ACCELERATOR
 TUBE

**Configuration A:**

TARGET: ^{238}U , $D_{\text{TARGET}} = 4 \text{ cm}$, $L_{\text{TARGET}} = 4 \text{ cm}$
 buffer: $^{\text{nat}}\text{Pb}$, $D_{\text{buffer}} = 40 \text{ cm}$, $L_{\text{buffer}} = 80 \text{ cm}$

Configuration B:

TARGET: ^{238}U , $D_{\text{TARGET}} = 4 \text{ cm}$, $L_{\text{TARGET}} = 2 \text{ cm}$
 buffer: $^{\text{nat}}\text{Pb}$, $D_{\text{buffer}} = 40 \text{ cm}$, $L_{\text{buffer}} = 80 \text{ cm}$

Configuration C:

TARGET: ^{238}U , $D_{\text{TARGET}} = 4 \text{ cm}$, $L_{\text{TARGET}} = 2 \text{ cm}$
 buffer: *absent*

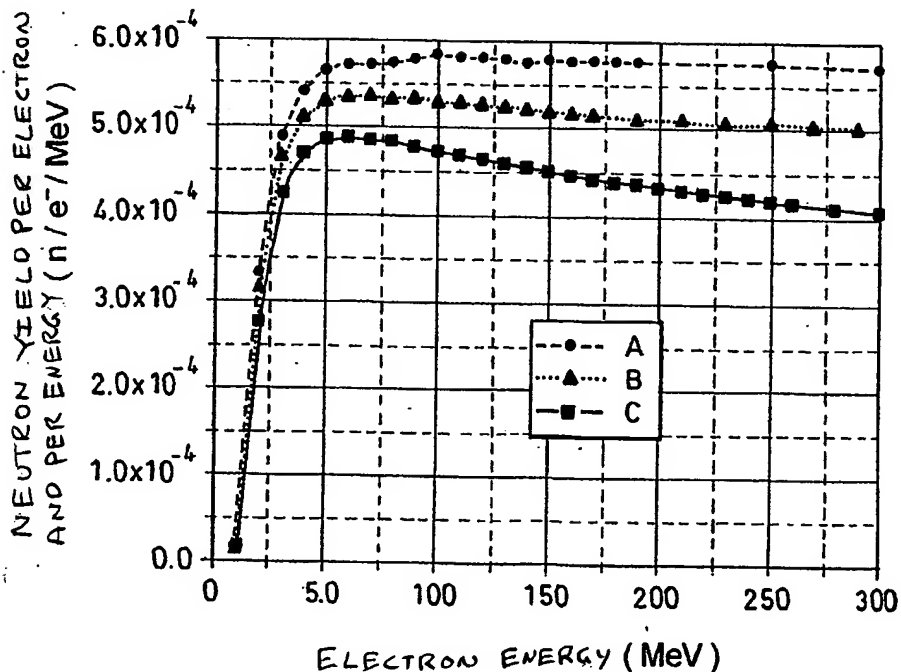


FIG. 5b

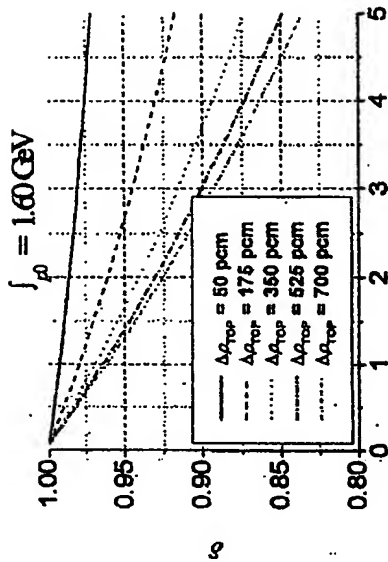


FIG. 6b

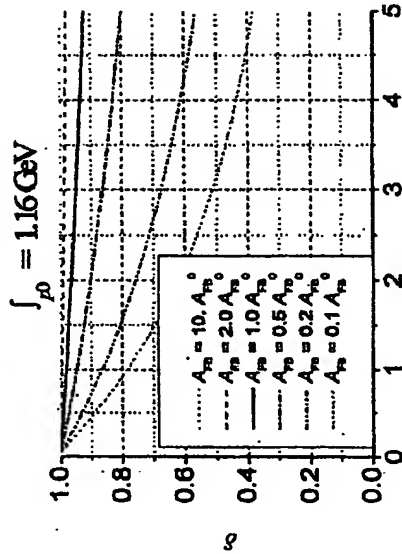


FIG. 6d

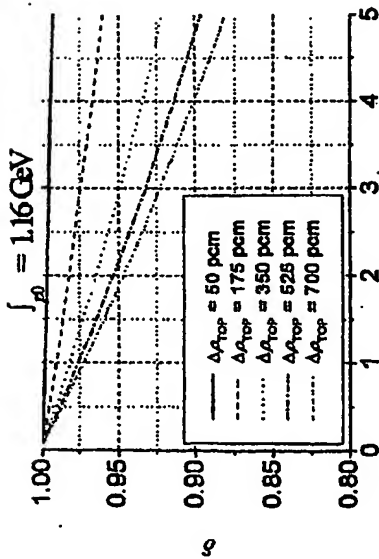


FIG. 6a

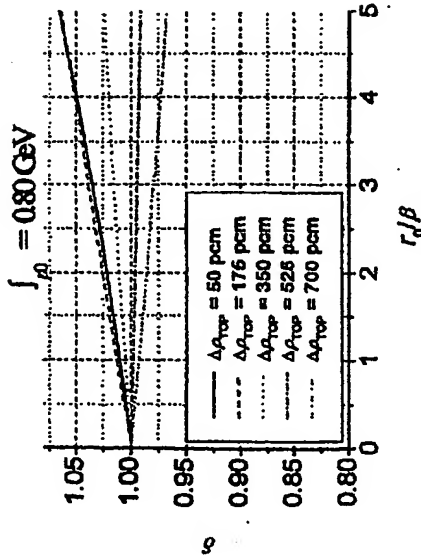


FIG. 6c